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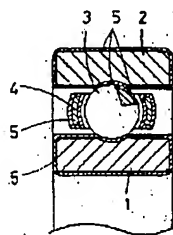
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(54) ROLLING BEARING AND LUBRICATION FILM  
FORMING METHOD THEREOF

## (57) Abstract:

PROBLEM TO BE SOLVED: To restrain any dust generation and improve a lubrication property and achieve a long life in a rolling bearing.

SOLUTION: A solid film 5 of polyurethane high polymer compound containing fluorine is formed on the at least one of the constitution elements (inner/outer rings 1, 2, rolling bodies 3 and a retainer 4) of a rolling bearing. As this solid film 5 of polyurethane high polymer compound containing fluorine, whose molecule is urethane combination, is formed in a three dimensional netting structure, wear in addition to peeling off and lack is restrained.



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